

ABSTRACT OF THE DISCLOSURE

The stop positions of start and end points for a slider
are set by positionally adjusting a stopper and/or a
stopper. The distance that the slider has traveled is
5 learned according to a command from a control console in
response to a manipulation of a learning manipulation
element, and at least one of a speed and an acceleration is
set by a speed regulator and an acceleration regulator. The
control console outputs a drive signal to a motor based on
10 at least one of the set speed in constant-speed movement of
the slider and the set acceleration of accelerated movement
of the slider and the learned distance that the slider has
traveled, thereby moving the slider. For moving the slider
to the start point or the end point, the control console
15 controls the slider to move at a speed lower than the speed
in constant-speed movement, and positions the slider at the
start point or the end point.